Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Sunday 11 Apr 2021 until 23:59 on Monday 12 Apr 2021

Forecast Issued on Sunday 11 Apr 2021 at 03:14

Confidence: High for a continuation of the cold and wintry weather conditions on Sunday but low to moderate for extent of showers and snow, especially Sunday afternoon and evening. Some uncertainty over rain on Monday but then relatively high confidence for becoming more settled during next week.

Headline for Sunday 11 Apr 2021: Cold and bright at first with heavy wintry showers developing through the day.

Mountain weather hazards on Sunday 11 Apr 2021

Blizzards No Likelihood	**Heavy Snow** Low Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Light snow	Light snow	Light snow showers	Light snow showers (night)	Light snow showers (night)
Precipitation probability					
10%	10%	30%	60%	70%	60%

Forecast for Sunday 11 Apr 2021

Weather: A cold and frosty start with icy patches. Showers developing through the morning with an increasing risk of heavy showers during the afternoon. These are likely to be a mixture of rain, sleet and snow with some heavy bursts likely, especially at elevation, although any snow accumulations are likely to be temporary and limited to vegetation. Through the evening showers may become more frequent giving some more persistent bursts of rain, sleet and snow before these steadily ease towards midnight.

Chance of cloud free mountain/hill tops above 600m: 80% during the morning, decreasing to 60% through the afternoon. Decreasing further through the evening to 20%.

Visibility: Excellent outside of precipitation with far reaching hills clearly visible. Falling rapidly in showers to just a few hundred metres in snow or 1-5km in sleet or rain. Show showers will make even nearby ridges or vegetation become obscured. Bases falling to 400-500m in any snow showers through the afternoon and perhaps 300-500m in precipitation during the evening.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Sunday 11 Apr 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/15 NE	11/16 N	7/11 E	11/16 NW	11/16 N	10/14 NW	7/10 W
300	4/8 NE	9/13 N	8/13 E	11/16 W	8/13 NW	6/10 NW	5/8 SW
Valley	4/14 NE	6/12 N	5/10 NE	7/14 NW	6/12 NW	4/11 NW	2/6 W

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	-3/-8	-1/-6	1/-3	-0/-5	-1/-6	-2/-7	-3/-7
300	-1/-3	2/-2	3/0	2/-2	2/-1	-0/-3	-1/-4
Valley	-0/-3	3/0	5/3	3/0	3/0	0/-2	-1/-3
Freezing Level*	00m	200m	300m	300m	300m	200m	100m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Cold for the time of year, especially in snow showers despite fairly light winds. Note that in between showers, the sunshine will still be strong.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sun 11 Apr 2021	0mm	0mm	0mm

Forecast for Monday 12 Apr 2021

Weather: Wintry showers fading during the early hours with most places becoming dry and clear with a widespread frost and risk of ice. A few mist and fog patches developing through the early hours and with some slight snow accumulations on vegetation. Sunny spells through the morning with northern areas likely to see remain dry. Cloud increasing at times, with the potential for some light rain or drizzle across southern parts for a time during the afternoon. This clearing away again through the evening allowing it to become cold and clear for most with a return of frost.

Maximum wind: 10-15mph from the northwest.

Chance of cloud free mountain/hill tops above 600m: Generally 90%, but lowering to 40% across southern parts of the park through the afternoon as cloud thickens.

Visibility: Excellent overall, but poor in mist and fog during the morning and moderate in any light rain or drizzle across southern parts. Bases down to 500m at times in the rain.

Temperature: **Valleys:** Minus 3 Celsius, rising to plus 8 Celsius.
At 600m: Minus 1 Celsius, rising to plus 1 Celsius.
Freezing level: Surface, rising to 800m during the day but lowering again to surface overnight.

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